PTO/SB/05 (08-03)

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| Under the Paperwork Reduction Act of 1995, no persons are required to | | ey Docket No. | UMY-059 | | | | | |
|---|---|--|--|--|--|--|--|--|
| UTILITY | | nventor | Tariq M. Rana | | | | | |
| PATENT APPLICATION | 7 "3 | Vernor | Tally W. Italia | | | | | |
| TRANSMITTAL | Title | DELIVERY O | F siRNAs | | | | | |
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | 1 | | | | | | | |
| (Only for new nonprovisional applications under 57 of 11 7.55(6)) | Expres | ss Mail Label No. | s Mail Label No. EV 311 017 345 US | | | | | |
| | - | Γ - | MS Patent Application | | | | | |
| APPLICATION ELEMENTS | ! | ADDRESS TO. Commissioner for Patents | | | | | | |
| See MPEP chapter 600 concerning utility patent application con | itents. | P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | | |
| 1 Fee Transmittal Form (e.g., PTO/SB/17) | | CD DOM as CD B in duplicate learn table as | | | | | | |
| (Submit an original, and a duplicate for fee processing) | | Computer Program (Appendix) | | | | | | |
| Applicant claims small entity status. See 37 CFR 1.27. | | 8. Nucleotide and/or Amino Acid Sequence Submission & Cif applicable, all necessary) | | | | | | |
| 3. X Specification [Total Pages 29 | 3]] | a. X Computer Readable Form (CRF) | | | | | | |
| (preferred arrangement set forth below) | ·——J ` | | ion Sequence Listing on: | | | | | |
| Descriptive title of the invention Cross Reference to Related Applications | | | CD-ROM or CD-R (2 copies); or ii. X Paper | | | | | |
| Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, | | c. X Stater | | | | | | |
| or a computer program listing appendix | | | | | | | | |
| Background of the Invention Brief Summary of the Invention | I | | ACCOMPANYING APPLICATION PARTS | | | | | |
| Brief Description of the Drawings (if filed) Detailed Description | ! | | nent Papers (cover sheet & document(s)) | | | | | |
| Claim(s) Abstract of the Disclosure | 1 | | 10. 37 CFR 3.73(b) Statement Power of Attorney | | | | | |
| | 2 1 | | Translation Document (if applicable) | | | | | |
| | - | H | tion Disclosure Copies of IDS | | | | | |
| 5. Oath or Declaration [Total Sheets] 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations | | | | | | | | |
| a. Newly executed (original or copy) | 1 | 13. Preliminary Amendment | | | | | | |
| b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed) | 1 | 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | | |
| DELETION OF INVENTORIO | I | Certified Copy of Priority Document(s) | | | | | | |
| Signed statement attached deleting inventor(s) | I | (if foreign priority is claimed) | | | | | | |
| named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | I | 16. Applicant must attach form PTO/SB/35 or its equivalent. | | | | | | |
| | 1 | 17. Other: | | | | | | |
| 6. X Application Data Sheet. See 37 CFR 1.76 | 1 | | | | | | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the | | | | | | | | |
| specification following the title, or in an Application Data Sheet | under 37 | CFR 1.76: | | | | | | |
| Continuation Divisional Continuation-in-part (CIP) of prior application No.: | | | | | | | | |
| Prior application information: Examiner | | | Art Unit: | | | | | |
| For CONTINUATION OR DIVISIONAL APPS only: The entire under Box 5b, is considered a part of the disclosure of the acco | disclosu | re of the prior application or div | ation, from which an oath or declaration is supplied | | | | | |
| reference. The incorporation can only be relied upon when a po | | | | | | | | |
| 19. COR | RESPO | NDENCE ADDRE | SS | | | | | |
| X Customer Number: 00959 | | OR | Correspondence address below | | | | | |
| LAHIVE & COCKFIELD, LLP | | *************************************** | | | | | | |
| Debra J. Milasincic | | | | | | | | |
| Address 28 State Street | | | | | | | | |
| City Boston State | te | MA | Zip Code 02109 | | | | | |
| | ephone | (617) 227-740 | | | | | | |
| Name (Print/Type) Debra J. Milasincid | A | | | | | | | |
| | $-\!$ | registration iv | | | | | | |
| Signature / ///// | ノム | . / \ | Date November 24, 2003 | | | | | |
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| I hereby certify that this correspondence is being deposite US, in an envelope addressed to: MS Patent Application | ed with t | the U.S. Postal Sery | ice as Express Mail, Airbill No. EV 311 017 345 | | | | | |
| US, in an envelope addressed to: MS Patent Application the date shown below. | ı, Ç ommi | issioner for Patents | P.D. Boy 1450, Alexandria, VA 22313-1450, on | | | | | |
| | | | | | | | | |
| Dated: November 24, 2003 Signature: (Debna J. Milasincie) | | | | | | | | |

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

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| EEE TOANCMITTAL | | C mplete if Known | | | | | |
|---|--------------------|-------------------------------------|--------------|----------|---|--|--|
| FEE TRANSMITTAL | | Application Number Not Yet Assigned | | | | | |
| for FY 2004 | | Filing Date | | | Concurrently Herewith | | |
| | | First Named Inventor | | | ntor Tariq M. Rana | | |
| Effective 10/01/2003, Patent fees are subject to annual revision. | | Exam | iner Na | ıme | Not Yet Assigned | | |
| X Applicant claims small entity status. See 37 CFR 1.27 | | Art Ur | nit | | N/A | | |
| TOTAL AMOUNT OF PAYMENT (\$) 514.00 | | Attom | ey Doo | ket No | o. UMY-059 | | |
| METHOD OF PAYMENT (check all that apply) | | | | FEE | CALCULATION (continued) | | |
| Check Credit Money Other None | 3. A | ADDITIO | ONAL | | | | |
| Card Corder C | 3. ADDITIONAL FEES | | | | | | |
| X Deposit Account: | Large | e Entity | Small | Entity | | | |
| Deposit Account 12-0080 | Fee | Fee | Fee | Fee | Fee Description | | |
| Number | Code | (\$) | Code | (\$) | · Fee Paid | | |
| Deposit Account Lahive & Cockfield, LLP | 1051 | 130 | 2051 | 65 | Surcharge – late filing fee or oath | | |
| Name The Director is authorized to: (check all that apply) | 1052 | 50 | 2052 | 25 | Surcharge – late provisional filing fee or cover sheet. | | |
| X Charge fee(s) indicated below X Credit any overpayments | 1053 | 130 | 1053 | 130 | Non-English specification | | |
| X Charge any additional fee(s) or any underpayment of fee(s) | 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | | |
| | 1804 | 920* | 1804 | | Requesting publication of SIR prior to | | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | | 1805 | | Examiner action Requesting publication of SIR after | | |
| FEE CALCULATION | 1251 | 1,840* 110 | 2251 | | Examiner action | | |
| 1. BASIC FILING FEE | 1251 | 420 | 2252 | | Extension for reply within first month Extension for reply within second month | | |
| Large Entity Small Entity | 1253 | 950 | 2253 | | Extension for reply within third month | | |
| Fee Fee Fee Fee Fee Fee Paid Code (\$) Code (\$) | 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | | |
| 1001 770 2001 385 Utility filing fee 385.00 | 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | | |
| 1002 340 2002 170 Design filing fee | 1401 | 330 | 2401 | 165 | Notice of Appeal | | |
| 1003 530 2003 265 Plant filing fee | 1402 | 330 | 2402 | | Filing a brief in support of an appeal | | |
| 1004 770 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee | 1403 1451 | 290 | 2403 1451 | | Request for oral hearing | | |
| | 1451 | 1,510 110 | 2452 | 55 | Petition to institute a public use proceeding Petition to revive – unavoidable | | |
| SUBTOTAL (1) (\$) 385.00 | 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | | |
| Extra Fee from Claims below Fee Paid | 1502 | 480 | 2502 | 240 | Design issue fee | | |
| Total Claims 16 -20** = x = 0.00 | 1503 | 640 | 2503 | 320 | Plant issue fee | | |
| Independent 6 -3** = 3 x 43.00 = 129.00 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | |
| Multiple Dependent = | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | |
| Large Entity Small Entity | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | |
| Fee Fee Fee Code (\$) Fee Description | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | |
| 1202 18 2202 9 Claims in excess of 20 | 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | | |
| 1201 86 2201 43 Independent claims in excess of 3 | 1810 | 770 | 2810 | 385 | For each additional invention to be | | |
| 1203 290 2203 145 Multiple dependent claim, if not paid 1204 86 2204 43 ** Reissue independent claims | 1801 | 770 | 2801 | 385 | examined (37CFR 1.129(b)) Request for Continued Examination (RCE) | | |
| over original patent | 1802 | | 1802 | 900 | Request for expedited examination | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | | fee (spe | l | | of a design application | | |
| SUBTOTAL (2) (\$) 129.00 | | uced by I | | lina Fee | e Paid SUBTOTAL (3) (\$) 0.00 | | |
| **or number previously paid, if greater, For Reissues, see above | | | | | | | |
| SUBMITTED BY | | - | | | (Complete (if applicable)) | | |
| Name (Print/Type) Debra J. Milasincic | | ration No | | ,931 | Telephone (617) 227-7400 | | |
| Signature | 1 | / | 7 | | Date November 24, 2003 | | |
| | 4 | | | 1 | | | |
| | | | | | | | |
| I hereby certify that this correspondence is being deposited | with th | ne y .s. | Posta | Servi | e as Express Mail, Airbill No. EV 311 017 345 | | |
| US, in an envelope addressed to: MS Patent Application, C the date shown below. | ommi | ssigner | [°][°] | ents/ F | r.G. Box 1450, Alexandria, VA 22313-1450, on | | |
| l Y | 10 | 711 | 1/1/ | / | (Dobro I Milasiasia) | | |
| Dated: November 24, 2003 Signature: (Debra J. Milasincic) | | | | | | | |